

### Installing esp32 ALGORITHM:

1. In IDE Arduino go to File -> Preferences
2. Enter the following link into the "Additional Board Manager URLs" field  
["https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package\\_esp32\\_index.json"](https://raw.githubusercontent.com/espressif/arduino-esp32/gh-pages/package_esp32_index.json) then press ok button
3. Open the Boards Manager then Go to Tools -> Board -> Boards Manager...
4. Search for ESP32 then install "ESP32 by Espressif System"

### Testing the installation

1. Go to Tools -> Board menu
2. Select the port "com4"
3. Go to File → Example → WiFi (ESP32) → WiFiScan
4. A new sketch will open
5. Press upload button in the arduino IDE
6. If everything went as expected, you should see a **"Done uploading."**
7. Open the Arduino IDE Serial Monitor at a baud rate of 115200:
8. Press the ESP32 on-board **Enable** button and you should see the networks available near your ESP32